


SECTION 1. IDENTIFICATION

Product Identifier	TreviSol
Other Means of Identification	Not Available
Recommended Use	0 VOC, low odour, low toxicity replacement for coalescent and retarder solvents.
Restrictions on Use	<i>Not Applicable</i>
Manufacturer Identifier	TBF Environmental Technology Inc. 12255 King George Boulevard Surrey, BC, Canada V3V 3K2 Telephone: +1 (604) 580-1575 E-mail: info@tbfenvironmental.com
Emergency Telephone Number	CANUTEC +1 (613) 996-6666

SECTION 2. HAZARD IDENTIFICATION

GHS Classification	SKIN CORROSION/IRRITATION CATEGORY 2 SERIOUS EYE DAMAGE/IRRITATION – CATEGORY 2A ACUTE TOXICITY (ORAL) – CATEGORY 4 ACUTE TOXICITY (DERMAL) – CATEGORY 4 ACUTE TOXICITY (INHALATION) – CATEGORY 4
Label Elements Pictograms	
Signal Word	WARNING
Hazard Statements	H302 - Harmful if swallowed. H312 - Harmful in contact with skin. H315 - Causes skin irritation. H319 - Causes serious eye irritation. H332 - Harmful if inhaled.
Precautionary Statements	
Prevention:	P261 – Avoid breathing mist or vapour. P264 – Wash hands and affected areas thoroughly after handling. P270 – Do not eat, drink or smoke when using this product. P271 – Use only outdoors or in a well-ventilated area. P280 – Wear protective gloves/eye protection/face protection.
Response:	P301 + P330 - IF SWALLOWED: Rinse mouth. P302 + P352 - IF ON SKIN: Wash with plenty of water. P362 + P364 - Take off contaminated clothing and wash it before reuse. P332 + P313 - If skin irritation occurs: Get medical advice/attention. P304 + P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing. P312 - Call POISON CENTER/doctor if you feel unwell. P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337 + P313 - If eye irritation persists: Get medical advice/attention.

Storage:	<i>Not Applicable</i>
Disposal:	P501 – Dispose of contents/container in accordance with local/regional/national/international regulations.
Other Hazards	
NOTES	

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Concentration	Common name / Synonyms
TreviSol	Proprietary	Proprietary	Not Available

Notes	US GHS Trade Secret: The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret in accordance with paragraph (i) of §1910.1200.
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SECTION 4. FIRST-AID MEASURES

Inhalation	Remove victim to fresh air and keep comfortable for breathing. Seek medical attention if symptoms persist.
Skin Contact	Rinse with copious amounts of water for at least 15 minutes. Remove clothing and continue rinsing. If irritation occurs, seek medical attention.
Eye Contact	Immediately flush contaminated eye(s) gently running water for 15 minutes. Remove contact lenses, if present and easy to do so. Continue rinsing for several minutes. Lift both eyelids while rinsing. Seek medical attention if symptoms persist.
Ingestion	Rinse mouth. Do NOT induce vomiting. Consult POISON CENTER or physician.
Most Important Symptoms and Effects, Acute and Delayed	Acute: EYE CONTACT: Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Direct contact with eyes may cause temporary irritation. SKIN CONTACT: Symptoms may include itching, redness, rash. Effects will be transient. INHALATION: Vapours may cause breathing difficulties. Chronic: <i>Not applicable.</i>
Immediate Medical Attention and Special Treatment	Treat symptomatically. If you feel unwell, seek medical advice (show the label where possible).

SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing Media	
Suitable Extinguishing Media	Water fog, dry chemical, carbon dioxide. Product is not flammable, use extinguishing media appropriate for surrounding fire.
Unsuitable Extinguishing Media	<i>Not Applicable</i>
Specific Hazards Arising from the Product	During fire, toxic fumes hazardous to health may be formed.
Special Protective Equipment and Precautions for Fire-Fighters	Self-contained breathing apparatus and full protective clothing must be worn in case of fire. In case of fire do not breathe fumes. Move containers from fire area if you can do so without risk. Use standard firefighting procedures and consider the hazards of other involved materials.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures	Activate your facility's emergency plan. Wear appropriate personal protective equipment (Section 8). Do not touch spilled product.
Methods for Containment and Cleaning Up	Use absorbent to contain the spill. Place solid waste in an appropriate container for disposal. Dike all drains to prevent run off of this material from entering sewers. Place absorbed materials into approved containers for disposal.

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling	Wear all appropriate personal protective equipment (Section 8). Provide adequate ventilation. Always observe good industrial hygiene practices.
Conditions for Safe Storage	Keep container tightly closed, and store in a cool location away from incompatible materials (Section 10). Inspect periodically for damage or leaks. Have appropriate spill clean-up equipment in or near storage area. Keep out of reach of children.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Appropriate Engineering Controls	Use general or local exhaust ventilation to maintain exposure below the exposure limits. Ensure proper ventilation if dust, mist, vapour is created during use.
Individual Protection Measures	
Eye/Face Protection	Wear full face shield/respirator.
Skin Protection	Wear impervious gloves, clothing, boots to prevent skin contact.
Respiratory Protection	NIOSH Approved Respirator.
Other	Use proper industrial hygiene practices. Wash hands and face with soap and water after handling and before breaks. Ensure eyewash station is present.

Control Parameters

Canada. Alberta, British Columbia, Ontario – Occupational Exposure Limit (OEL)		
Chemical Name	Short-Term OEL	TWA OEL
TreviSol	Not Available	Not Available

Canada. Quebec – Permissible Exposure Values for airborne contaminants (PEV)		
Chemical Name	Short-Term PEV	TWA PEV
TreviSol	Not Available	Not Available

Dow Corning Guide Occupational Exposure Limit (DCC OEL)	
Chemical Name	OEL TWA
TreviSol	Not Available

USA ACGIH Threshold Limit Values (TLV), OSHA Limits for Air Contaminants – Permissible Exposure Limits (PEL)				
Chemical Name	ACGIH® TLV®		OSHA PEL	
	Short-Term	TWA	Short-Term	TWA
TreviSol	Not Available	Not Available	Not Available	Not Available
Notes	*Exposure limits may vary from time to time and from one jurisdiction to another. Check with local regulatory agency for the exposure limits in your area. Chemicals not listed here do not have establish limit values for ACGIH or OSHA PEL. TWA = Time Weighted Average			

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear liquid	Density	0.951 g/mL @ 25°C
Odour	Odourless	Specific Gravity	0.956 @ 15.5°C
Odour Threshold	Not Available	Solubility in Water	Insoluble
pH	Not Applicable	Partial Coefficient	0.7 - 2.0
Melting Point and Freezing Point	<-60°C (<-76°F)	Auto-ignition Temperature	300°C (572°F)
Initial Boiling Point and Boiling Range	285°C (545°F)	VOC (g/L)	0
Flash Point	143.3°C (290.0°F) PMCC	Viscosity	0.58 cP @ 25°C
TGA Weight Loss	97.94% (115 - 240°C)	Volatility	100%
Vapour Density (air = 1)	0.95	Upper and Lower Flammability or Explosive Limit	Upper = 7.04% Lower = 0.40%
Vapour Pressure	0.005 mm Hg @ 25°C	Purity	99.5%

SECTION 10. STABILITY AND REACTIVITY

Reactivity	Not Available
Chemical Stability	Stable under normal conditions.
Possibility of Hazardous Reactions	Hazardous polymerization does not occur.
Conditions to Avoid	Not Available
Incompatible Materials	Strong oxidizers, acids, and bases.
Hazardous Decomposition Products	Oxides of carbon.

SECTION 11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure

☒ Inhalation ☒ Skin contact ☒ Eye contact ☒ Ingestion

Acute Toxicity	
LC50 (inhalation)	Not Available
LD50 (oral)	Not Available
LD50 (dermal)	Not Available
Notes	Category 4 Acute oral, dermal, inhalation toxicity.
Skin Corrosion / Irritation	Causes skin irritation, irritation will be transient.
Serious Eye Damage /	Causes eye irritation. Irritation will be transient.

Irritation	
Inhalation	Avoid inhalation, serious exposures are harmful.
STOT (Specific Target Organ Toxicity) - Single Exposure	Not reported.
Aspiration Hazard	Not reported.
STOT (Specific Target Organ Toxicity) - Repeated Exposure	Not reported.
Respiratory and/or Skin Sensitization	Not known to be a sensitizer.
Carcinogenicity	IARC reports inadequate evidence for classification as human carcinogen.
Reproductive Toxicity	
Development of Offspring	Not reported.
Sexual Function and Fertility	Not reported.
Effects on or via Lactation	Not reported.
Germ Cell Mutagenicity	Not expected to be a mutagen.
Interactive Effects	Not reported.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity	Not Available. Ecotoxicity not expected.		
	Ingredient	Species	LC/EC₅₀
Persistence and Degradability	<i>Not Available</i>		
Bioaccumulative Potential	<i>Not Available</i>		
Mobility in Soil	<i>Not Available</i>		
Other Adverse Effects	Not expected.		

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal Methods	Consult with your local supplier for additional information. For disposal of unused or waste material, check with local, state and federal environmental agencies. Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.
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SECTION 14. TRANSPORT INFORMATION

Regulation	UN No.	Proper Shipping Name	Technical Name (for N.O.S. entry)	Transport Hazard Class(es)	Packing Group
Canadian TDG Regulations*					
49 CFR/DOT*					
IATA Regulations*					
IMDG Code*					
Note:					
Notes: *NOT REGULATED					

SECTION 15. REGULATORY INFORMATION

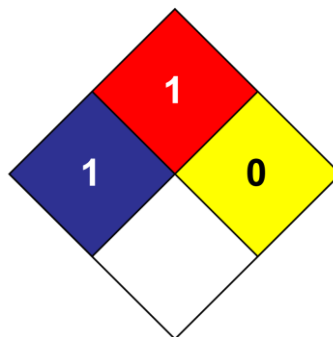
Safety, Health and Environmental Regulations

U.S. TSCA Inventory: Not Listed.

HMIS Hazard Ratings: Health – 1, Flammability – 1, Physical Hazard – 0

NFPA Hazard Ratings: Health – 1, Fire – 1, Reactivity – 0

HEALTH	1
FLAMMABILITY	1
PHYSICAL HAZARD	0
PERSONAL PROTECTION	0



SECTION 16. OTHER INFORMATION

Date of Creation	March 3, 2018
Date of Latest Revision	March 3, 2018
Disclaimer	This Safety Data Sheet (SDS) was prepared by iHazmat Regulatory Ltd., (www.iHazmat.com) using information provided by TBF Environmental Technology Inc. The information in this SDS is offered for your consideration and guidance when working with this product. As per usual practice, accuracy of the information included is based on what was provided by the manufacturer and sole liability for the accuracy of these documents falls to TBF Environmental Technology Inc.

***SDS compliant with WHMIS2015 and OSHA HAZCOM 2012**

SECTION 16. OTHER INFORMATION